VFR TERMINAL AREA CHART
PHOENIX

VFR FLYWAY

PHOENIX

Airports having Control Towers are shown in Blue, all others in Magenta. Consult Chart Supplement for details involving airport lighting, navigation aids, and services, all times are local. For additional symbol information refer to the Chart User's Guide.

AIRPORTS

Other than hard-surfaced runways

Seaplane Base

Hard-surfaced runways 1500 ft. or greater

Open dot within hard-surfaced runway indicates runway has operational VOR, VOR-DME, DME or VORTAC locator.

All recognizable hard-surfaced runways, including those closed, are shown for visual identification. Airports may be public or private.

AIRPORT DATA

Box indicates FAR 93 Special Air Traffic Rules & Airport Reporting Procedures.

FSS — FAR 91 NO SVFR — Location Identifier — ICAO

NAME (NAM) (PNAM) — Location Indicator

CT - 118.3 ★ ATIS 123.8 — Control Tower (CT) - primary frequency

Flight Traffic Patterns (public use) - see Supplement.

RP 23, 34 — Runway Number

RP Special conditions exist

VFR Apprs 125.0 — Airport of Entry

AOE — Airport of Entry

FSS - Flight Service Station

NO SVFR - Fixed-wing special VFR flight is prohibited.

CT - 118.3 - Control Tower (CT) - primary frequency.

★ - Star indicates operation part-time. See tower frequencies tabulation for hours of operation.

C - Follows the Common Traffic Advisory Frequency (CTAF)

W - Weather Camera

ATIS 123.8 - Automatic Terminal Information Service

AWOS 135.2 - Automatic Flight Information Service (AK)

ASOS/AWOS 135.42 - Automated Surface Weather Observing Systems (down where full-time ATIS not available). Some ASOS/AWOS facilities may not be located at airports.

UNICOM - Aeronautical advisory station

VFR Advsy - VFR Advisory Service shown where full-time ATIS not available and frequency is other than primary CT frequency.

285 - Elevation in feet

L - Lighting in operation Sunset to Sunrise

L - Lighting limitations exist; refer to Supplement.

72 - Length of longest runway in hundreds of feet; usable length may be less.

When information is not available, appropriate character is replaced by a dash. Lighting codes refer to runway edge lights and may not represent the longest runway or full length lighting.

ADDITIONAL AIRPORT INFORMATION

Private "(Pvt)" - Non-public use having landmark value

Military - Other than hard-surfaced; all military airports are identified by abbreviations AFB, NAS, AAF, etc.

Heliport Selected — H

Unverified — U

Abandoned - paved having landmark value, 3000 ft. or greater — A

Ultralight Flight Park Selected — F

Fuel availability indicated by use of tick marks around basic airport symbol. Consult Supplement for details and availability at airports with hard-surfaced runways 1500 ft. or greater.

Rotating airport beacon in operation Sunset to Sunrise

OBJECTIONABLE - Airport may adversely affect airspace use.

AIRPORT TRAFFIC SERVICE AND AIRSPACE INFORMATION

Only the controlled and reserved airspace effective below 18,000 ft. MSL are shown.

Class B Airspace

Class C Airspace (Mode C - see FAR 91.215/AIM.)

Class D Airspace

Ceiling of Class D Airspace in relation to the airport elevation (value indicates surface up to but not including that value.)

Class E (sfc) Airspace

CLASS G

Class E Airspace with floor 700 ft. above surface that laterally abuts Class G Airspace.

Class E Airspace with floor 700 ft. above surface that laterally abuts 1200 ft. or higher Class E Airspace

Class E Airspace with floor 1200 ft. or greater above surface that laterally abuts Class D Airspace

2400 MSL — Differentiates floors of Class E Airspace greater than 700 ft. above surface.

4500 MSL

Class E Airspace exists at 1200' AGL unless otherwise designated as shown above.

Class E Airspace low altitude Federal Airways and RNAV Q Routes are indicated by center line. Tick marks - Arrows are oriented towards facilities which establish intersection.

V327 — V66

Total mileage between NAVAIDs on direct Airways — 169

T319 — TK313 (Helicopter Only) — RNAV Waypoint

Prohibited, Restricted, and Warning Area

*Alert Area and Military Operations Area (MOA)

*Alert Areas do not extend into Class A, B, C and D airspace, or Class E airport surface.

Special Airport Traffic Area (See FAR 93 for details.)

National Defense Airspace - Temporary Flight Restricted Area

ADIZ - Air Defense Identification Zone

MODE C (See FAR 91.215/AIM.)

National Security Area

Special Use Airspace Area (TFR/AIM)

IR21+ — MTR - Military Training Route

IFR Departure Routes

IFR Arrival Routes

IFR Arrival/Departure Routes

COMMUNICATION BOXES

122.6 — OAKDALE — 123.6

360° 338.6 OAK 045°

Underline indicates no voice on frequency.

Crosshatch indicates receive only.

Operates less than continuous or On-Request.

A - ASOS/AWOS

W - Weather Camera

122.1R — Frequencies above this line box are remoted to NAVAID site. Other FSS frequencies providing voice communication may be available as determined by altitude and terrain. Consult Supplement for complete information.

FSS radio providing voice communication — MIAMI

123.6 — HOMER HOM

Heavy line box indicates Flight Service Station (FSS). Frequencies 121.5, 122.2 and 243.0 are available at many Alaskan FSSs and are not shown above boxes. All other frequencies are shown.

R - Receive only

RADIO AIDS TO NAVIGATION

VHF OMNI RANGE (VOR)

VOR-DME

DME

VORTAC

Other facilities, i.e., FSS Outlet, RCO, etc.

Non-Directional Radio Beacon (NDB)

NDB - DME

OBSTRUCTIONS

(may be lit or unlit)

1000 ft and higher AGL

Above 200 ft & above 1000 ft AGL, above 200 ft AGL

Wind Turbine

Wind Turbine Farm

2894 (UC)

Group Obstruction

Elevation of the top above mean sea level

Height above ground

Under construction or reported; position and elevation unverified

NOTICE: Guy wires may extend outward from structures.

Obstruction with high-intensity lights; may operate part-time

MISCELLANEOUS

STADIUM

Intensive TFR site (within 3 NM, up to & incl 3000' AGL)

Space Launch Activity Area

A - Aerobatic Practice Area (See Supplement.)

G - Glider Operations

H - Hang Glider Activity

U - Ultralight Activity

UA - Unmanned Aircraft Activity

Marine Light

Isogonic Line (2025 VALUE)

Parachute Jumping Area (See Supplement.)

VPXYZ — VFR Waypoints

NAME (VPXYZ)

TOPOGRAPHIC INFORMATION

Power Transmission Line

Mountain Pass

7182 Elevation of Pass)

Aerial Cable

Pass symbol does not indicate a recommended route or direction of flight and pass elevation does not indicate a recommended clearance altitude. Hazardous flight conditions may exist within and near mountain passes.

Lookout Tower

618 (Elevation Base of Tower)

PHOENIX TAC

VFR TERMINAL AREA CHART SCALE 1:250,000

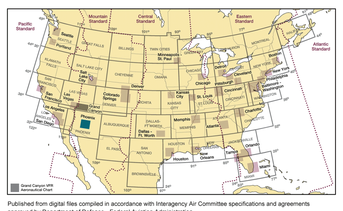
Federal Aviation Administration

EFFECTIVE 0901Z 19 MAR 2026

TO 0901Z 14 MAY 2026

Consult NOTAMs for latest information

Consult/Subscribe to FAA Safety Alerts and Charting Notices at:
http://www.faa.gov/air_traffic/flight_info/aeronav/safety_alerts/



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Warning: Refer to current foreign charts and flight information publications for information within foreign airspace.

FAA Product ID: TPHX

NSN 7641014099659

NGA REF. NO. VFRTAPHOENIX

EFF. DATE 26078

CONTROL TOWER FREQUENCIES ON PHOENIX TERMINAL AREA CHART

Airports with control towers are indicated on the face of the chart by the letters CT followed by the primary VHF tower frequency(ies). Information for each tower is listed in the table below. Operational hours are local time. The primary VHF and UHF tower and ground control frequencies are listed.

Automatic Terminal Information Service (ATIS) frequencies shown on the face of the chart are arrival VHF/UHF frequencies. All ATIS frequencies are listed in the table below. ATIS operational hours may differ from tower operational hours.

ASR and/or PAR indicate Radar Instrument Approach available.

"MON-FRI" indicates Monday through Friday.

O/T indicates other times.

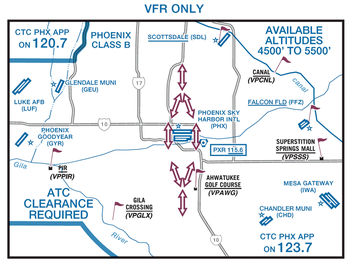
CONTROL TOWER	OPERATES	TOWER	GND CON	ATIS	ASR/PAR
CHANDLER MUNI	0600-2100	126.1 (ARR N, W) 126.1 (DEP RWY 04/12R) 133.1 (ARR S, E) 133.1 (DEP RWY 04R/22L)	124.4		118.325
FALCON FID	0530-2100 13 MAY-15 AUG 0530-2200 16 AUG-14 MAY	124.6	121.3	118.25	
GILA BEND AF AUX	0730-2330 MON-FRI 0800-1659 SAT-SUN CLSD HOL	127.75 255.65	233.7		
GLENDALE RGNL	0600-2030 MON-FRI 0700-1900 SAT-SUN	121.0	118.0	119.425	
LUKE AFB	0630-2230 MON-THU 0630-1830 FRI CLSD HOL & AETC FAMILY DAYS	119.1 379.9	133.175 333.8	134.925 269.85	
MESA GATEWAY	0600-2400	120.6 289.4	128.25 273.8	133.5 270.275	
PHOENIX DEER VALLEY	0600-2400	118.4 (ARR 070°-250°) 118.4 (DEP RWY 07R/25L) 120.2 (ARR 251°-069°) 120.2 (DEP RWY 07L/25R)	121.8	126.5	
PHOENIX GOODYEAR	0600-2100	120.1 239.2	121.7	118.35	
PHOENIX SKY HARBOR INTL	CONTINUOUS	118.7 278.9 (RWY 08/26) 119.9 (N) 120.9 254.3 (RWY 07R/25L & 07L/25R)	119.75 (N) 132.55 (S) 269.2	127.375	
SCOTTSDALE	0600-2100	119.9	121.6	118.6	

Flight Following Services are available on request and highly recommended in and around Class B, C, and TRSA areas.

VFR TRANSITION ROUTE (ATC CLEARANCE REQUIRED) ALTITUDE ASSIGNED BY ATC

EAST/WEST ROUTE

VFR ONLY



REQUIREMENTS OF FAR 91.215 AND 91.131 SHALL BE MET

EAST/WEST ROUTE: The VFR Transition Route over Phoenix Sky Harbor Intl (PHX) is based upon the runway in use. If unfamiliar with the transition, advise ATC and expect radar vector.

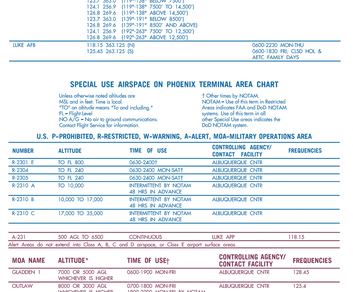
EAST ROUTE: Altitude as assigned by ATC. Aircraft should fly between the Hohokam Expressway (State Route 143) and the approach end of Runways 26 and 25R/25L.

WEST ROUTE: Altitude as assigned by ATC. Aircraft should fly between Interstate 10 and the approach end of Runways 8 and 7R/7L.

REMAIN CLEAR OF THE CLASS B UNTIL RECEIVING SPECIFIC ATC APPROVAL TO ENTER

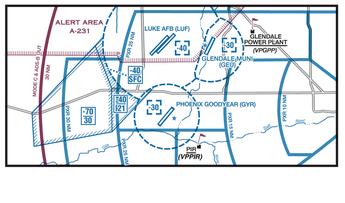
LUKE SATR NORTH AREA

CONTACT 118.15



LUKE SATR SOUTH AREA

CONTACT 125.45



LUKE AFB SPECIAL AIR TRAFFIC RULE REQUIREMENTS OF FAR 93.177 MUST BE MET

The Luke AFB Special Air Traffic Rule Area is described in FAR 93.176 and is active during official daylight hours Monday through Friday while Luke pilot flight training is underway, as broadcast on the local Automatic Terminal Information Service (ATIS) from LUF, DVT, GEU, and GYR towers

OPERATIONS IN THE SPECIAL AIR TRAFFIC RULE (SATR) AREA: Unless otherwise authorized by Air Traffic Control (ATC), no person may operate an aircraft in flight within the SATR Area unless the following requirements are met:

1. Before operating within the SATR Area, that person establishes radio contact with the Luke RAPCON; and
2. That person maintains two-way radio communication with the Luke RAPCON or an appropriate ATC facility while within the SATR Area.

Requests for deviation from the provisions of this section apply only to aircraft not equipped with an operational radio. The request must be submitted at least 24 hours before the proposed operation to Luke RAPCON at 623-856-6445.

NOTE: When the Luke AFB Special Air Traffic Rule is in effect, pilots operating NORTH of Luke AFB must contact LUKE APP on 118.15, pilots operating SOUTH of Luke AFB must contact LUKE APP on 125.45, prior to entering the SATR Area.

CLASS B, CLASS C, TRSA, AND SELECTED APPROACH CONTROL FREQUENCIES

FACILITY	FREQUENCIES	SERVICE AVAILABILITY
PHOENIX CLASS B	120.7 239.0 (319°-057° BELOW 7500') 119.2 281.45 (319°-057° 7500' AND ABOVE) 124.9 353.8 (058°-118° BELOW 10,500') 124.9 353.8 (058°-118° 10,500' AND ABOVE) 123.7 363.0 (119°-138° BELOW 7500') 124.1 256.9 (119°-138° 7500' TO 14,500') 126.8 269.6 (119°-138° ABOVE 14,500') 123.7 363.0 (139°-191° BELOW 8500') 126.8 269.6 (139°-191° 8500' AND ABOVE) 124.1 256.9 (192°-243° 7500' TO 12,500') 126.8 269.6 (192°-243° ABOVE 12,500')	CONTINUOUS
LUKE AFB	118.15 363.125 (N) 125.45 363.125 (S)	0600-2230 MON-THU 0600-1830 FRI, CLSD HOL & AETC FAMILY DAYS

SPECIAL USE AIRSPACE ON PHOENIX TERMINAL AREA CHART

Unless otherwise noted altitudes are MSL and in feet. Time is local. "TO" on altitude means "To and including." Flight Watch 122.0 MHz. NOTAM - Pilot to ground communications. Contact Flight Service for information.

T Other times by NOTAM.
NOTAM • Use of this term in Restricted Areas indicates FAA and DoD NOTAM systems. Use of this term in all other Special Use Airspace indicates the DoD NOTAM system.

U.S. P-PROHIBITED, R-RESTRICTED, W-WARNING, A-ALERT, MOA-MILITARY OPERATIONS AREA

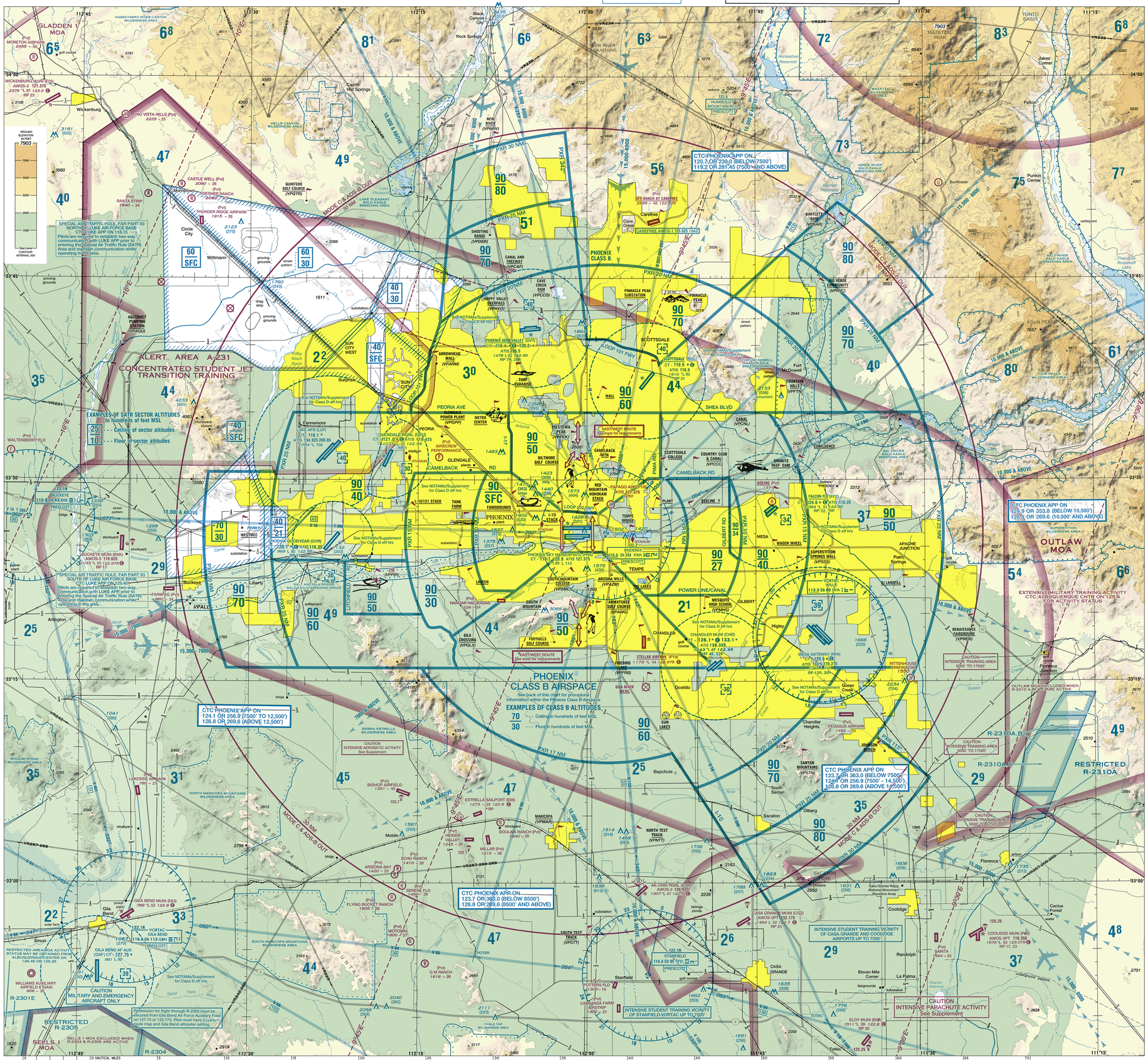
NUMBER	ALTITUDE	TIME OF USE	CONTROLLING AGENCY/ CONTACT FACILITY	FREQUENCIES
R-2301 E	TO FL 800	0630-2400T	ALBUQUERQUE CNTR	
R-2304	TO FL 240	0630-2400 MON-SAT	ALBUQUERQUE CNTR	
R-2305	TO FL 240	0630-2400 MON-SAT	ALBUQUERQUE CNTR	
R-2310 A	TO 10,000	INTERMITTENT BY NOTAM. 48 HRS IN ADVANCE	ALBUQUERQUE CNTR	
R-2310 B	10,000 TO 17,000	INTERMITTENT BY NOTAM. 48 HRS IN ADVANCE	ALBUQUERQUE CNTR	
R-2310 C	17,000 TO 35,000	INTERMITTENT BY NOTAM. 48 HRS IN ADVANCE	ALBUQUERQUE CNTR	
A-231	500 AGL TO 6500	CONTINUOUS	LUKE APP	118.15

Alert Areas do not extend into Class A, B, C and D airspace, or Class E airport surface areas.

MOA NAME	ALTITUDE*	TIME OF USE	CONTROLLING AGENCY/ CONTACT FACILITY	FREQUENCIES
GLADDEN 1	7000 OR 3000 AGL WHICHEVER IS HIGHER	0600-1900 MON-FRI	ALBUQUERQUE CNTR	128.45
OUTLAW	8000 OR 3000 AGL WHICHEVER IS HIGHER	0700-1800 MON-FRI 1800-2200 MON-FRI BY NOTAM. INTERMITTENT SAT-SUN BY NOTAM.	ALBUQUERQUE CNTR	125.4
SELLS 1	10,000	0600-1900 MON-FRI	ALBUQUERQUE CNTR	125.4

*Altitudes indicate floor of MOA. All MOAs extend to but do not include FL 180 unless otherwise indicated in tabulation or on chart. TOther times by DoD NOTAM.

Entire area of this chart is within the Mountain Standard Time Zone +7 = UTC.


CONVERSION OF ELEVATIONS
FEET (Thousands) 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
METERS (Thousands) 0 1 2 3 4 5 6 7 8 9
Lambert Conformal Conic Projection Standard Parallels 33° and 45°
Horizontal Datum: North American Datum of 1983 (World Geodetic System 1984)
MILITARY TRAINING ROUTES (MTRs)
All IR and VR MTRs are shown, and may extend from the surface upwards. Only the route centerline, direction of flight along the route, and the route designator are depicted - route widths and altitudes are not shown.
DoD users refer to Area Planning AP/1B Military Training Routes North and South America for current routes.
Example: POWER PLANT
The name shown is that used by the controlling personnel and is not necessarily the official name of the feature.
FOR PROCUREMENT: For digital products, visit http://www.faa.gov/air_traffic/flight_info/aeronav/digital_products/ For a list of approved FAA Print Providers, visit our website at: http://www.faa.gov/air_traffic/flight_info/aeronav/print_providers/
For weather camera information visit https://weathercams.faa.gov
Class G Airspace within the United States extends up to 14,500 feet MSL. At and above this altitude all airspace is within Class E Airspace, excluding the airspace less than 1500 feet above the terrain and certain special use airspace areas.
ATTENTION
THIS CHART CONTAINS MAXIMUM ELEVATION FIGURES (MEF).
The Maximum Elevation Figures shown in quadrangles bounded by ticked lines of latitude and longitude are represented in THOUSANDS and HUNDREDS of feet above mean sea level. The MEF is based on information available concerning the highest known feature in each quadrangle, including terrain and obstructions (trees, towers, antennas, etc.).
Example: 12,500 feet 125
CAUTION: This chart is primarily designed for VFR navigational purposes and does not purport to indicate the presence of all power transmission and telecommunication lines, terrain or obstacles which may be encountered below reasonable and safe altitudes.
CAUTION: Severe turbulence may occur over rugged terrain. See AIM.
CAUTION: Unmanned Aircraft Systems (UAS) may be approved to operate above our critical infrastructure including aircraft and line features such as high-voltage powerlines ——— and railroads ——— Check NOTAMs and see AIM for details.
REGULATIONS REGARDING FLIGHTS OVER CHARTED NATIONAL PARK SERVICE AREAS, U.S. FISH AND WILDLIFE SERVICE AREAS, BUREAU OF LAND MANAGEMENT AREAS AND U.S. FOREST SERVICE AREAS
The landing of aircraft is prohibited on lands or waters administered by the National Park Service, U.S. Fish and Wildlife Service, Bureau of Land Management or U.S. Forest Service (hereafter referred to as Agency/Agencies) without authorization from the respective agency. Exceptions include: 1) when forced to land due to an emergency beyond the control of the operator, 2) at officially designated landing sites, or 3) on approved official business of the Federal Government. All aircraft are requested to maintain a minimum altitude of 2,000 feet above the surface of the following: National Parks, Monuments, Seashores, Lakeshores, Recreation Areas, Scenic Riverways, Wildlife Refuges, Big Game Refuges, Game Ranges, Wildlife Ranges, Conservation Areas, Wild and Scenic Rivers, Wilderness Areas and Primitive Areas administered by the Agencies. FAA Advisory Circular (AC) 91-36, "Visual Flight Rules (VFR) Flight Near Noise-Sensitive Areas," defines surface as the highest terrain within 2,000 feet laterally of the route of flight, or the uppermost rim of a canyon or valley. Federal regulations also prohibit airdrops by parachute or other means of persons, cargo, or objects from aircraft on lands administered by the four agencies without authorization from the respective agency. Exceptions include: 1) emergencies involving the safety of human life or 2) threat of serious property loss.
Boundary of Agency Areas
PHX 30 NM
PXR 35 NM
PXR 20 NM
PXR 23 NM
PXR 17 NM
PXR 15 NM
MODE C & ADS-B OUT
30 NM
10,000 & ABOVE
15,000 - 8000
15,000 - 7000
15,000-6000
CTC PHOENIX APP ON 120.7/OR 239.0 (BELOW 7500') 119.2 OR 281.45 (7500 AND ABOVE)
CTC PHOENIX APP ON 124.1 OR 256.9 (7500' TO 12,500') 126.8 OR 269.6 (ABOVE 12,500')
CTC PHOENIX APP ON 123.7 OR 363.0 (BELOW 8500') 126.8 OR 269.6 (8500' AND ABOVE)
CTC PHOENIX APP ON 123.7/OR 363.0 (BELOW 7500') 126.8 OR 269.6 (7500' - 14,500') 126.8 OR 269.6 (ABOVE 14,500')
CTC PHOENIX APP ON 123.9 OR 353.8 (BELOW 10,500') 126.8 OR 269.6 (10,500' AND ABOVE)
PHOENIX CLASS B AIRSPACE
See back of this chart for procedural information within the Phoenix Class B Airspace
EXAMPLES OF CLASS B ALTITUDES
70 — Ceiling in hundreds of feet MSL
30 — Floor in hundreds of feet MSL
EXAMPLES OF SATR SECTOR ALTITUDES In hundreds of feet MSL
25 - - - Ceiling of sector altitudes
10 - - - Floor of sector altitudes
ALERT AREA A-231 CONCENTRATED STUDENT JET TRANSITION TRAINING
SPECIAL AIR TRAFFIC RULE, FAR PART 93 NORTH OF LUKE AIR FORCE BASE CTC LUKE APP ON 118.15
Pilots are required to establish two-way communication with LUKE APP prior to entering the Special Air Traffic Rule (SATR) Area and maintain communication while operating in the area.
SPECIAL AIR TRAFFIC RULE, FAR PART 93 SOUTH OF LUKE AIR FORCE BASE CTC LUKE APP ON 125.45
Pilots are required to establish two-way communication with LUKE APP prior to entering the Special Air Traffic Rule (SATR) Area and maintain communication while operating in the area.
R-2310A B
R-2310A C
RESTRICTED R-2310A
CAUTION INTENSIVE TRAINING AREA 5000' TO 17500'
CAUTION INTENSIVE AEROBATIC ACTIVITY See Supplement
CAUTION INTENSIVE PARACHUTE ACTIVITY See Supplement
INTENSIVE STUDENT TRAINING VICINITY OF CASA GRANDE AND COOLIDGE AIRPORTS UP TO 7500'
INTENSIVE STUDENT TRAINING VICINITY OF STANFIELD-VORTAC UP TO 7500'
OUTLAW MOA IS EXCLUDED WHEN R-2310 A, B, OR C ARE ACTIVE
EXTENSIVE MILITARY TRAINING ACTIVITY CTC ALBUQUERQUE CNTR ON 125.4 FOR ACTIVITY STATUS
CAUTION INTENSIVE TRAINING AREA 5000' TO 17500'
CAUTION INTENSIVE TRAINING AREA 5000' TO 17500'
CAUTION INTENSIVE TRAINING AREA 5000' TO 17500'
RESTRICTED R-2305
PERMISSION FOR FLIGHT THROUGH R-2305 MUST BE OBTAINED FROM GILA BEND AIR FORCE AUXILIARY FIELD on 127.75 or 122.775. Pilot must have a current route map and Gila Bend altimeter setting.
SELLS 1 MOA EXCLUDED WHEN R-2304 & R-2305 ARE ACTIVE
CAUTION MILITARY AND EMERGENCY AIRCRAFT ONLY
See NOTAMs/Supplement for Class D off hrs
EAST/WEST ROUTE See inset for requirements
PHOENIX
PHOENIX DEER VALLEY (DVT) CT - 118.4 ★ ATIS 120.2 1478 L 52 122.95 RP 7L 25R
SCOTTSDALE (SDL) CT - 119.9 ★ ATIS 118.6 1510 °L 82 RP 21
CHANDLER (CHD) CT - 126.1 ★ 133.1 ★ ATIS 128.325 1243 °L 49 122.95 RP 4L 22R
GLENDALE RGNL (GEU) CT - 121.0 ATIS 118.0 1405 °L 21 122.95 RP 21
PHOENIX GOODYEAR (GYR) CT - 120.1 ATIS 118.35 1605 L 85 122.95 RP 21
PHOENIX SKY HARBOR INTL (PHX) CT - 118.7 ★ 119.9 ★ ATIS 127.375 RP 8 L 115
GILA BEND AF AUX (GXF) CT - 127.75 ★ 681 L 85
GILA BEND MUNI (EIC) 789 °L 52 122.8
LUKE AFB (LUF) CT - 119.1 ★ ATIS 134.925 269.85 1.014 °L 100
WILLIAMS AUXILIARY AIRFIELD 6 (GXA) 806 – 30
WALTENBERY FLD
BUCKEYE MUNI (BXK) AWOS-3 118.625 1033 °L 55 122.975
WICKENBURG MUNI (E35) AWOS-3 121.375 2379 °L 81 123.0
SUPERSTITION SPRINGS MALL (VPSSS)
MESA GATEWAY (IWA) ATIS 128.6 1405 °L 21 122.95 RP 12R, 30L
CHANDLER MUNI (CHD) CT - 126.1 ★ 133.1 ★ ATIS 128.325 1243 °L 49 122.95 RP 4L 22R
STELLAR AIRPARK 1779 °L 44 122.975
FALCON FLD (FFZ) CT - 124.5 ★ ATIS 118.25 1644 °L 51 122.95 RP 22, 16P
SKY RANCH AT CAREFREE 2169 – 40 122.725
CAREFREE AWOS-3 135.525 (1AZ)
CAREFREE AIRPARK 1452 – 51
DESERT HILLS (VPHTN)
SUNRISE (VPSUN)
SUPERSTITION SPRINGS MALL (VPSSS)
VORTAC 113.3 Ch 60 IWA
SALT RIVER BALD EAGLE BREEDING AREA
TONTO BASIN
MAZATZAL WILDERNESS
MAZATZAL PEAK 7903
HUMBOLDT MOUNTAIN (PVU)
PRESCOTT
Horseshoe Reservoir
Bartlett Reservoir
Roosevelt Lake
Theodore Roosevelt Lake
Jakes Corner
Punkin Center
Sunflower
Tortilla Flat
Fountain Hills
Four Peaks
Mormon Flat Dam
Canyon Lake
Apache Junction
Superstition Mountains
Goldfield
Usery Pass
Red Mountain
Mesa
Gilbert
Chandler
Higley
Queen Creek
Sun Lakes
Ocotillo
Santan Mountains
Sacaton
Florence
Coolidge
Casa Grande
Eloy
Picacho Peak
Picacho Reservoir
Red Rock
Stanfield
Randolph
La Palma
Eleven Mile Corner
Tortosa
Maricopa
Gila Bend
Gila River Indian Community
Ak-Chin Indian Community
Laveen
Guadalupe
Tempe
Scottsdale
Paradise Valley
Carefree
Cave Creek
New River
Anthem
Desert Hills
Circle City
Wittmann
Morristown
Waddell
Surprise
Litchfield Park
Buckeye
Liberty
Arlington
Wickenburg
Aguila
Salome
Wenden
Quartzsite
Yuma
Gila River Indian Community
Tohono O'odham Nation
Ak-Chin Indian Community
Salt River Pima-Maricopa Indian Community
Fort McDowell Yavapai Nation
Fort McDowell
Rock Springs
Black Canyon City
Castle Hot Springs
Lake Pleasant
Bumble Bee
Cordes Junction
Crown King
Horsethief Basin
Table Top Wilderness Area
Hells Canyon Wilderness Area
Hassayampa River Canyon Wilderness Area
Sierra Estrella Wilderness Area
North Maricopa Mountains Wilderness Area
South Maricopa Mountains Wilderness Area
Woolsey Peak Wilderness Area
Castle Hot Springs Wilderness Area
Table Mountain Wilderness Area
Gladden 1 MOA
Outlaw MOA
Sells 1 MOA
Restricted R-2301 E
Restricted R-2305
Restricted R-2304
Restricted R-2310 A, B, C
Alert Area A-231
Aquaduct Pumping Station
Sun City West
Sun City
Youngtown
Peoria
Glendale
Mesa

VFR FLYWAY PLANNING CHART
PHOENIX
Scale 1:250,000
NOT TO BE USED FOR NAVIGATION

AIRPORTS
Paved Runways
NAME (NAM)
NAME (NAM)
Unpaved Runways
NAME (NAM)

RADIO AIDS TO NAVIGATION
VOR — DLG 138.8
NDB — DCW 262
VORTAC — PPS 121.8
NDB-DME — RMW 320
VOR-DME — KIP 110.7
DME — PVU CH 21 (108.4)

AIRPORT TRAFFIC SERVICE AND AIRSPACE INFORMATION
Class B Airspace
Class C Airspace (Mode C - see FAR 91.215/AIM.)
Class B/C Surface Area
Prohibited, Restricted, and Warning Areas
*Alert Area and Military Operations Area (MOA)
*Alert Areas do not extend into Class A, B, C and D airspace, or Class E airport surface areas.

Examples of Class B Airspace Altitudes
70 --- Ceiling in hundreds of feet MSL
30 --- Floor in hundreds of feet MSL
Mode C (See FAR 91.215/AIM.)
Class D Airspace
40 Ceiling of Class D Airspace in hundreds of feet (A minus ceiling value indicates surface up to but not including that value.)
Class E (sfc) Airspace

Suggested VFR Flyway and Altitude
2600 / 6700

IFR Departure Routes
IFR Arrival Routes
IFR Arrival/Departure Routes

OBSTRUCTIONS (Selected) (may be lit or unlit)
2049

MISCELLANEOUS
Navigation Reference Point
N33° 56.32'
W120° 36.91'

TOPOGRAPHIC INFORMATION
12256 Mountain Top or Peak and Spot Elevation

THIS CHART IDENTIFIES VFR FLYWAYS DESIGNED TO HELP VFR PILOTS AVOID MAJOR CONTROLLED TRAFFIC FLOWS. IT DEPICTS MULTIPLE VFR ROUTINGS THROUGHOUT THE PHOENIX AREA WHICH MAY BE USED AS ALTERNATES TO FLIGHT WITHIN THE ESTABLISHED CLASS B AIRSPACE. ITS GROUND REFERENCES PROVIDE A GUIDE FOR IMPROVED VISUAL NAVIGATION. THIS IS NOT INTENDED TO DISCOURAGE REQUESTS FOR VFR OPERATIONS WITHIN THE CLASS B AIRSPACE BUT IS DESIGNED SOLELY FOR INFORMATION AND PLANNING PURPOSES.

CAUTION
THE ENTIRE PHOENIX AREA IS HEAVILY CONGESTED WITH MANY DIFFERENT AIRCRAFT TYPES. THESE ROUTE SUGGESTIONS ARE NOT STERILE OF OTHER TRAFFIC; THEY ARE AREAS WE BELIEVE LEAST CONGESTED IN AN AREA OF HEAVY CONGESTION. PILOT ADHERENCE TO VFR RULES MUST BE EXERCISED AT ALL TIMES. COMMUNICATIONS MUST BE MAINTAINED BETWEEN AIRCRAFT AND CONTROL TOWERS WHILE IN CLASS D AIRSPACE.

VFR TRANSITION ROUTES
THIS CHART ALSO IDENTIFIES VFR TRANSITION ROUTES IN THE PHOENIX CLASS B AIRSPACE. OPERATION ON THESE ROUTES REQUIRES ATC AUTHORIZATION FROM PHOENIX APPROACH CONTROL. UNTIL AUTHORIZATION IS RECEIVED, REMAIN OUTSIDE CLASS B AIRSPACE. DEPICTION OF THESE ROUTES IS TO ASSIST PILOTS IN POSITIONING THE AIRCRAFT IN AN AREA OUTSIDE THE CLASS B AIRSPACE WHERE ATC CLEARANCE CAN NORMALLY BE EXPECTED WITH MINIMAL OR NO DELAY. ON INITIAL CONTACT, ADVISE ATC OF POSITION, ALTITUDE, ROUTE NAME DESIRED, AND DIRECTION OF FLIGHT. REFER TO CURRENT PHOENIX VFR TERMINAL AREA CHART FOR USER REQUIREMENTS.

PHOENIX CLASS B AIRSPACE

OPERATING RULES AND PILOT/EQUIPMENT REQUIREMENTS. Regardless of weather conditions, an ATC authorization is required prior to operating within the Class B Airspace. Pilots should not request an authorization to operate within the Class B Airspace unless the requirements of FAR 91.215 and FAR 91.131 are met. Included among those requirements are:

1. Unless otherwise authorized by ATC, an operable two-way radio capable of communicating with ATC on appropriate frequencies for that Class B Airspace.
2. No person may take off or land a civil aircraft at an airport within the Class B Airspace or operate a civil aircraft within the Class B Airspace unless:
   (a) The pilot in command holds at least a Private Pilot certificate, or holds a Recreational Pilot certificate and has met the requirements of FAR 61.101(d); or holds a Sport Pilot certificate and has met the requirements of FAR 61.325, or
   (b) The aircraft is operated by a student pilot who has met the requirements of FAR 61.94 or FAR 61.95 as applicable.
3. Unless otherwise authorized by ATC, each person operating a large turbine engine-powered aircraft to or from a primary airport shall operate at or above the designated floors while within the lateral limits of the Class B Airspace.
4. An operable VOR or TACAN receiver for IFR operations.
5. A transponder with automatic altitude reporting equipment.

NOTE: ATC may, upon notification, immediately authorize a deviation from the altitude reporting equipment requirement or for a transponder failure; however, other requests for deviations from the transponder equipment requirement must be submitted to the controlling ATC facility at least one hour before the proposed operation.

FLIGHT PROCEDURES

IFR FLIGHTS—Aircraft operating within the Phoenix Class B Airspace must be operated in accordance with ATC clearances and instructions.

VFR FLIGHTS—

1. Arriving aircraft should contact the appropriate approach control on specified frequencies and in relation to geographic fixes shown on the accompanying chart. Although arriving aircraft may be operating beneath the floor of the Class B Airspace on initial contact, communications should be established with approach control in relation to the points indicated for sequencing and spacing purposes.
2. Aircraft departing the primary airports are requested to advise clearance delivery prior to taxiing of their intended altitude and direction of flight to depart the Class B Airspace. Aircraft departing from other than the primary airports whose route of flight would penetrate the Class B Airspace should give this information to ATC on the appropriate frequencies.
3. Aircraft desiring to transit the Class B Airspace must obtain an ATC clearance to enter the Class B Airspace and will be handled on an ATC workload permitting basis.

ATC PROCEDURES

All aircraft will be controlled and separated while operating within the Class B Airspace, except helicopters need not be separated from other helicopters. Although radar separation will be the primary standard used, approved visual and other nonradar procedures will be applied as required or deemed appropriate. Traffic information on observed but unidentified radar targets will be provided on a workload permitting basis to aircraft operating outside the Class B Airspace.

NOTE: Assignment of radar headings and/or altitudes is based on the provision that a pilot operating in accordance with visual flight rules is expected to advise ATC if compliance with an assigned route, radar heading, or altitude will cause the pilot to violate such rules.

REPORTING CHART ERRORS
You are requested to inform us of chart errors and/or additions that come to your attention while using this chart. See frequently asked questions (FAQs) on our website at http://faa.gov/go/ais/ prior to contacting us via toll free number at 1-800-638-8972 or visit https://www.faa.gov/air_traffic/flight_info/aeronav/aero_data/ or mail to: FAA, Aeronautical Information Services,1305 East-West Highway, SSMC 4, Suite 4400, Silver Spring, MD 20910-3281.

NORTH AMERICAN AEROSPACE DEFENSE COMMAND (NORAD) PROCEDURES
All aircraft operating in the U.S. national airspace, if capable, will maintain a listening watch on guard frequencies VHF 121.5 or UHF 243.0. It is incumbent upon all aviators to know and understand their responsibilities if intercepted. Review "NM" section 5-6-13 for intercept procedures. Additionally, if U.S. military fighter jets intercept an aircraft and flares are dispensed in the area of that aircraft, aviators will pay strict attention, contact air traffic control immediately on the local frequency or on VHF guard 121.5 or UHF 243.0 and follow the interceptor visual ICAO signals. Be advised that non-compliance may result in the use of force.

GLADDEN 1 MOA
WICKENBURG MUNI (E25)
QUINTERO GOLF COURSE (VPQTR)
(Pvt) THUNDER RIDGE AIRPARK
SPECIAL AIR TRAFFIC RULE, FAR PART 93 NORTH OF LUKE AIR FORCE BASE CTC LUKE APP ON 118.15 Pilots are required to establish two-way communication with LUKE APP prior to entering the Special Air Traffic Rule (SATR) Area and maintain communication while operating in the area.
proving grounds
AQUEDUCT PUMPING STATION (VPAQU)
ALERT AREA A-231
CAUTION CONCENTRATED STUDENT JET TRANSITION TRAINING
WHITE TANK MTNS 4083
EXAMPLES OF SATR SECTOR ALTITUDES In hundreds of feet MSL
25 --- Ceiling of sector altitudes
10 --- Floor of sector altitudes
LUKE AFB (LUF)
GLENDALE POWER PLANT (VPGPP)
GLENDALE RGNL (GEU)
CAUTION INTENSIVE MILITARY JET ACTIVITY IN AREA
BXK 110.6
BUCKEYE MUNI (BXK)
WESTMEC
PHOENIX GOODYEAR (GYR)
(Pvt) FARM AG
BUCKEYE
VPALL
SPECIAL AIR TRAFFIC RULE, FAR PART 93 SOUTH OF LUKE AIR FORCE BASE CTC LUKE APP ON 125.45 Pilots are required to establish two-way communication with LUKE APP prior to entering the Special Air Traffic Rule (SATR) Area and maintain communication while operating in the area.
CAUTION INTENSIVE MILITARY JET TRAINING ACTIVITY BETWEEN 5000 MSL TO 9000 MSL.
CAUTION INTENSIVE AEROBATIC ACTIVITY See Supplement
(Pvt) BISHOP AIRFIELD
(Pvt) LAKESIDE AIRPARK
ESTRELLA SAILPORT (E68)
(Pvt) HIDDEN VALLEY
(Pvt) MILLAR
MARICOPA (VPMAR)
GILA BEND MUNI (E63)
VORTAC GBN 116.6
CAUTION MILITARY AND EMERGENCY AIRCRAFT ONLY
WILLIAMS AUXILIARY AIRFIELD 6 (GAX)
GILA BEND AF AUX (GXF)
RESTRICTED AREA/MOA ACTIVITY STATUS MAY BE OBTAINED FROM ALBUQUERQUE CENTER ON 126.45 OR 125.25
Permission for flight through R-2305 must be secured from Gila Bend Air Force Auxiliary Field on 127.75 or 122.775. Pilot must have a current route map and Gila Bend altimeter setting.
RESTRICTED R-2305
SELLS 1 MOA
SELLS 1 MOA EXCLUDED WHEN R-2304 & R-2305 ARE ACTIVE
R-2304
R-2301E
NEW RIVER MTNS 5936
NEW RIVER (VPNRV)
SHOOTING RANGE (VPDSR)
CAREFREE
(Pvt) SKY RANCH AT CAREFREE
CANAL AND FREEWAY (VPCAF)
CAVE CREEK DAM (VPCCD)
HAPPY VALLEY OVERPASS (VPHVO)
PHOENIX DEER VALLEY (DVT)
PINNACLE PEAK 3170
PINNACLE PEAK SUBSTATION
SUN CITY WEST
SUN CITY
ARROWHEAD MALL (VPARM)
TURF PARADISE
PEORIA AVE
METRO CENTER
PIESTEWA PEAK (VPPEK)
CAMELBACK MTN
BILTMORE GOLF COURSE
FAIRGROUNDS
I-10/101 STACK
TANK FARM
I-10 STACK
LOOP 202 FWY
TEMPE BRIDGE
RED MOUNTAIN HOHOKAM STACK
PAPAGO AHP (P18)
SCOTTSDALE COLLEGE
COUNTRY CLUB & CANAL (VPCCC)
BEELINEY
(Pvt) BOEING
FALCON FLD (FFZ)
MESA
PHOENIX SKY HARBOR INTL (PHX)
SOUTH MOUNTAIN COLLEGE (VBSMC)
PIR (VPPIR)
LAVEEN
(Pvt) HANGAR HACIENDAS SOUTH MOUNTAIN
FOOTHILLS GOLF COURSE
GILA CROSSING (VPGLX)
SIERRA ESTRELLA
4512
RIO VERDE COMMUNITY (VPRVC)
MCDOWELL MTNS 4067
FOUNTAIN HILLS (VPFTN)
SCOTTSDALE (SDL)
CANAL (VPCNL)
CONFLUENCE
GRANITE REEF DAM
AHWATUKEE GOLF COURSE (VPAWG)
STELLAR AIRPARK (P19)
THE LAKES
MESQUITE HIGH SCHOOL (VPMHS)
POWER LINE/CANAL
ARIZONA MILLS (VPAZM)
SUPERSTITION SPRINGS MALL (VPSSS)
AJ LANDFILL
APACHE JUNCTION
SUPERSTITION MTNS 5057
CHANDLER
FIREBIRD LAKE (VPFFB)
GILA RIVER MEML
CHANDLER MUNI (CHD)
MESA GATEWAY (IWA)
VORTAC IWA 113.3
RENAISSANCE FAIRGROUND (VPREN)
FLORENCE JUNCTION
OUTLAW MOA
OUTLAW MOA EXCLUDED WHEN R-2310 A, B & C ARE ACTIVE
CAUTION INTENSIVE TRAINING AREA 5000' TO 17500'
(Pvt) PEGASUS AIRPARK
SUN LAKES
SANTAN MOUNTAINS (VPSTN)
JOHNSON RANCH
R-2310A,B
R-2310A,C
RESTRICTED R-2310A
FOUR PEAKS 7657
Bartlett Reservoir
Horseshoe Reservoir
Theodore Roosevelt Lake
Saguaro Lake
Canyon Lake
Apache Lake
Picacho Reservoir
NORTH TEST TRACK (VPNTT)
SOUTH TEST TRACK (VPSTT)
AK-CHIN RGNL (A39)
CASA GRANDE MUNI (CGZ)
INTENSIVE STUDENT TRAINING VICINITY OF STANFIELD VORTAC UP TO 7500'
TFD 114.8
(Pvt) POTTERS FLD
(Pvt) CARRANZA FARM AIRSTRIP
(Pvt) SARITA
COOLIDGE MUNI (P08)
INTENSIVE STUDENT TRAINING VICINITY OF CASA GRANDE AND COOLIDGE AIRPORTS UP TO 7500'
CAUTION INTENSIVE PARACHUTE ACTIVITY See Supplement
ELOY MUNI (E60)
MODE C & ADS-B OUT 30 NM
10,000 & ABOVE
15,000 - 8000
7500 OR BELOW
6500 OR BELOW
5500 OR BELOW
3500
PXR 30 NM
PXR 25 NM
PXR 20 NM
PXR 17 NM
PXR 15 NM
PXR 10 NM
PXR 6 NM
PXR 342°
PXR 115°
112°30'
112°00'
111°30'
34° 00'
33° 30'